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PATENT

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Kristoph D. Krug et al.  
Serial No.:  
Filed : Herewith  
Title : DEVICE AND METHOD FOR INSPECTION OF BAGGAGE AND OTHER OBJECTS

**BOX PATENT APPLICATION**

Commissioner of Patents and Trademarks  
Washington, DC 20231

PRELIMINARY AMENDMENT

Prior to examination, please amend the application as follows:

In the claims: Cancel claim 1.

Please enter the following claims fully supported by the original disclosure filed on August 10, 1990.

Sub 1  
B1  
A2  
57. A device for detecting plastic explosive objects in packages or luggage which contain harmless plastic, plastic-like or other objects, comprising:

a conveyor for sequentially moving packages or luggage through an inspection region,

a stationary X-ray exposure system located at said inspection region and positioned to expose sequentially said packages or luggage in said inspection region to X-ray radiation of at least two substantially different energies,

a stationary X-ray detection system positioned to detect X-ray radiation transmitted through an item of luggage or package, said detection system providing data corresponding to the intensity of transmitted radiation of said two energies,

a computer operatively connected to said detection system to receive said data and programmed to calculate a value of a

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Date of Deposit 3/13/95

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Mary Jane DiPalma